Target of solar power

2727. DR. T. SUBBARAMI REDDY:
SHRI RAJEEV SHUKLA:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the country targets 1,000 MW solar power in 2013;

(b) if so, whether Government has also decided that solar mission under National Action Plan on Climate Change aiming to generate 1,000 MW of power by 2013;

(c) whether solar and lighting system would be provided to 9,000 villages under the existing schemes by providing soft loans which would be refinanced by the Indian Renewable Energy Development Agency Ltd.; and

(d) if so, the concrete steps and the measures taken to achieve this target?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) and (b) Government has approved the target for the first phase of the National Solar Mission up to March, 2013 to set up 1,100 MW capacity of grid-connected solar plants, including 100 MW capacity plants as roof top and small solar plants. In addition, 200 MW capacity equivalent of off-grid solar applications and 7 million square meter solar thermal collector area are also proposed during the first phase.

(c) and (d) Under the on going remote village electrification programme of the Ministry, the Government provides Central financial assistance of up to 90% of the project costs as subsidy to unelectrified census villages and hamlets where extension of grid is not feasible at present. The target for the 11th Plan is to cover 10000 villages and hamlets. In addition, the National Solar Mission envisages refinance facility to promote off-grid solar application in the country through Indian Renewable Energy Development Agency (IREDA).

Power generation in Punjab

2728. SHRI VARINDER SINGH BAJNIS : Will the Minister of POWER be pleased to state:

(a) the exact requirement and availability of power in Punjab during 2007, 2008 and 2009 as stipulated;

(b) the reasons for shortage, as that not only adversely effects the common man's life but also food production, the State being the granary of the country; and

(c) the steps proposed to be taken both by the State and the Central Governments to achieve self sufficiency in power generation in the State?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI BHARATSINH SOLANKI): (a) Details of power supply position in Punjab for the year 2007-08, 2008-09, 2009-10 (upto November, 2009) and anticipated during the remaining months of the year 2009-10 (December, 2009 to March, 2010) are given below:

		2007-08	2008-09	2009-10 (Upto Nov'09)*	2009-10 (Dec'09 to Mar' 10)#
Energy Requirement	(MU)	42,372	41,635	33,572	13,161
Energy Availability	(MU)	38,795	37,238	28,719	9,407
Energy Shortage	(MU)	3,577	4,397	4,853	3,754
	(%)	8.4	10.6	14.5	28.5

		2007-08	2008-09	2009-10 (Upto Nov'09)*	2009-10 (Dec'09 to Mar'10)#
Peak Demand	(MW)	8,672	8,690	9,786	6,550
Peak Met	(MW)	7340	7,309	7,407	4,250
Peak Shortage	(MW)	1,332	1,381	2,379	2,300
	(%)	15.4	15.9	24.3	35.1

* Includes provisional figures for the month of November, 2009.

Estimated

(b) The installed generating capacity of State Sector and Private Sector power stations in Punjab as on 31st October 2009 is 5112 MW as against its peak demand of about 9800 MW. The shortage of power in Punjab is primarily on account of growth in demand for power outstripping the growth in generation and generating capacity addition. In Punjab, no generation capacity was added during 10th Plan in the State sector and capacity of only 500 MW from Guru Har Govind Singh TPS-II (Lehra Mohabbat) has been added in Punjab in the State sector during the 11th Plan.

(c) Electricity is a concurrent subject under the Constitution. The supply and distribution of electricity come under the purview of State Government/State Power Utility concerned. The Central Government supplements the efforts of the State Government by setting up generating capacity in Central sector through Public Sector Undertakings, However, the following steps are being taken/proposed to be taken by the Government to meet the power shortage in Punjab:

- Besides firm allocation of 1770 MW from Central Generating Stations, Punjab has been allocated 171-240 MW unallocated power, which is reviewed and revised from time to time depending on change in demand.
- Central Sector Capacity aggregating to 3251 MW are under construction in Northern Region for likely benefit in 11th Plan and Punjab will get power from these projects as per entitlement subject to signing of Power Purchase Agreement.
- Punjab has also been allocated a total of 2370 MW power from the various UMPPs in the country, out of which, Mundra UMPP Unit -I & II and Sasan UMPP Unit-I are likely to be commissioned during the 11th Plan.